METHOD OF OPTIMIZING PATIENT OUTCOME FROM CARDIAC RESYNCHRONIZATION THERAPY

ABSTACT OF THE DISCLOSURE

A method of data management for optimizing the patient outcome from the provision of cardiac resynchronization therapy (CRT) is described. This method describes a process by which sets of dynamic cardiopulmonary dependent variables are measured during steady-state conditions, displayed, and translated into quantitative and qualitative measurements while the independent variables of CRT, device lead placement and atrial-ventricular and interventricular delay settings of bi-ventricular pacemaker systems, are altered by a physician. In combination with visual observation and computer-assisted ranking of the dependent variables, a physician can utilize the resulting information to render decisions on the optimal choice of the independent variables.